

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.(Currently Amended) A method of handling calls in a telecommunication system comprising subscribers and network elements, comprising:

storing in the system subscriber information including service definitions of a second subscriber;

establishing connections to the second subscriber via a first network element having access to the subscriber information of the second subscriber;

allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to the second subscriber;

indicating the forwarding of a call and a caller's identity in a call establishment signaling;

allowing the second subscriber to define a set of caller identities in a portion of the subscriber information stored in a service database accessed by a second network element for defining a set of allowed caller identities for incoming forwarded calls from another subscriber, said allowed caller identities being either those included in or excluded from the set,

determining in the second network element whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the first network element and said first network element contacting said second network element,

continuing to establish the incoming forwarded call if the caller identity belongs to the allowed identities, or rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities;

in response to receiving call establishment signaling requesting establishment of a call from a third calling subscriber to the second subscriber and determining that the first subscriber has forwarded said first subscriber's calls to the second subscriber, forwarding

the call to the second subscriber, and incrementing a value of a call forwarding counter;
and

comparing the value of the call forwarding counter to a predefined value to
determine whether the call is a forwarded call.

2.(Previously Presented) A method according to claim 1 in which the second subscriber defines the set of caller identities.

3-5.(Canceled)

6.(Previously Presented) A method according to claim 1, wherein calls are accepted from an unknown caller number.

7.(Previously Presented) A method according to claim 1 in a system further comprising an intelligent network capable of storing subscriber information, the method further comprising:

in the first network element, the event of receiving a forwarded incoming call to a the second subscriber having determined said subscriber's forwarded incoming calls to be rejected is defined to be a trigger for sending a query to the intelligent network, and in response to having received the request to establish a call to the second subscriber and having determined that the call has been forwarded and the subscriber has determined said forwarded incoming calls to be rejected, a query having the calling party's number as a parameter is sent to the intelligent network, and

in the intelligent network, a set of allowed calling numbers for incoming forwarded calls in the subscriber information is stored and in response to having received said query sent by the network element, the set of allowed calling numbers is retrieved from the subscriber information, the calling party number is compared to the set, and the network element is instructed to continue a call establishment procedure if the calling party number belongs to the set of allowed calling numbers and to reject the incoming call if the calling number does not belong to the set.

8.(Canceled)

9.(Previously Presented) A method according to claim 1, wherein the method is executed in a mobile telecommunication system comprising
a mobile services switching center serving the second subscriber, and a visitor location register connected to the mobile services switching center,
wherein the subscriber information is stored in the visitor location register and the first network element is the mobile services switching center.

10.(Previously Presented) A method according to claim 1, wherein the method is executed in a mobile telecommunication system comprising
a home location register storing the subscriber information of a subscriber, and
a gateway mobile services switching center via which an incoming calls of the subscriber are routed,
wherein the subscriber information is stored in the home location register and the network element is the gateway mobile services switching center.

11.(Canceled)

12.(Currently Amended) A telecommunication system comprising:
exchanges;
subscribers;
a service control network element;
means for storing subscriber information including information about the service definitions of a second subscriber;
means for establishing calls to the second subscriber via an exchange having access to the subscriber information of the second subscriber;
means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to the second subscriber;
storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining a set of allowed caller identities for incoming

forwarded calls from another subscriber, said allowed caller identities being either those included in or excluded from the set, and for providing said allowed caller identities to said service control network element;

means for allowing said second subscriber to define said set of ~~ealling~~caller entities;

means for indicating in the call establishment signaling the forwarding of a call, and a caller identity;

determining means in said service control network element for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the exchange;

continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and

rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities,

a call forwarding counter that is incremented when a call from a third calling subscriber to the second subscriber is determined to have been forwarded from the first subscriber; and

a comparator for comparing the value of the call forwarding counter to a predefined value to determine whether the call is a forwarded call.

13.(Canceled)

14.(Currently Amended) A telecommunication system according to ~~claim 13~~claim 12, the system further comprising configuration means for configuring the subscriber information stored in the storing means.

15.(Currently Amended) A network element for a telecommunication system having:
exchanges;
subscribers;
a service control network element;

means for storing subscriber information including information about the service definitions of a second subscriber;

means for establishing calls to the second subscriber via an exchange having access to the subscriber information of the second subscriber;

means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to the second subscriber;

storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining a set of allowed caller identities for incoming forwarded calls from another subscriber, said allowed caller identities being either those included in or excluded from the set, and for providing said allowed caller identities to said service control network element;

means for allowing the second subscriber to define said set of ~~calling~~caller identities;

means for indicating in the call establishment signaling the forwarding of a call, and a caller identity;

determining means in said service control network element for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the exchange;

continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and

rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities;

a call forwarding counter that is incremented when a call from a third calling subscriber to the second subscriber is determined to have been forwarded from the first subscriber; and

a comparator for comparing the value of the call forwarding counter to a predefined value to determine whether the call is a forwarded call.

16.(Canceled)

17.(Currently Amended) A home location register for a mobile telecommunication system comprising:

- exchanges;
- subscribers;
- a service control network element;
- means for storing subscriber information including information about the service definitions of a second subscriber;
- means for establishing calls to the second subscriber via an exchange having access to the subscriber information of the second subscriber;
- means for allowing a first subscriber to define in his subscriber information that his incoming calls are to be forwarded to the second subscriber;
- storing means for storing a set of caller identities in the subscriber information of the second subscriber for defining allowed caller identities for incoming forwarded calls from another subscriber, said allowed caller identities being either those included in or excluded from the set, and for providing said allowed caller identities to said service control network element;
- means for allowing the second subscriber to define said set of caller identities;
- means for indicating in the call establishment signaling the forwarding of a call, and a caller identity;
- determining means in said service control network element for determining whether the caller identity of an incoming forwarded call belongs to the allowed identities by comparing the caller identity with said set of caller identities, in response to receiving the call establishment signaling in the exchange;
- continuing means for continuing establishing the incoming forwarded call if the caller identity belongs to the allowed identities; and
- rejecting means for rejecting the incoming forwarded call if the caller identity does not belong to the allowed identities;
- a call forwarding counter that is incremented when a call from a third calling subscriber to the second subscriber is determined to have been forwarded from the first subscriber; and

Appl. No. 09/674,101
Amdt. Dated October 26, 2005
Reply to Office Action of July 27, 2005

a comparator for comparing the value of the call forwarding counter to a predefined value to determine whether the call is a forwarded call.